

pleasanter to work with them than with object-slides of common glass. The author's object-slides of canary-glass of medium colour are 2-3 millim. in thickness. The thicker ones are more serviceable than the thin ones, so that they may be employed with advantage of a thickness of 3-4 millim.—*Sitzungsber. der Akad. der Wiss. zu Wien*, xxi. p. 430.

On two New Species of Humming Birds belonging to the genus Amazilius. By JOHN GOULD, F.R.S., V.P.Z.S., etc.

AMAZILIUS CERVINIVENTRIS, Gould.

Head, all the upper surface and wing- and upper tail-coverts bronzy-green; wings purplish-brown; tail dark chestnut-red, each feather narrowly bordered and tipped with a bronzy lustre, which is of greatest extent and most conspicuous on the two centre tail-feathers; throat and chest luminous green; under surface of the shoulder and flanks dull green; abdomen and under tail-coverts fawn-colour; thighs white; upper mandible yellow at the base, merging into brown and tipped with black; under mandible pale yellow, except at the tip, which is black.

Total length, 4 inches; bill, $\frac{1}{8}$; wing, $2\frac{1}{4}$; tail, $1\frac{5}{8}$.

Hab. Cordova, in Mexico. Collected by M. Sallé.

Remark.—This species is about the size of *A. Riefferi*; but its bill is less robust; the wings, as in that species, are uniform purplish-brown; the chestnut colouring of the tail-feathers and the under tail-coverts is of a somewhat lighter hue.

AMAZILIUS CASTANEIVENTRIS, Gould.

Crown of the head, upper part of the back and shoulders reddish-bronze; rump and upper tail-coverts greyish, with a bronzy lustre; wings purplish-brown, with the exception of the basal portion of the primaries and secondaries, which are rufous; tail dark chestnut, tipped with a bronzy lustre, of greatest extent and most conspicuous on the centre feathers; throat, fore part of the neck, breast, and upper part of the abdomen shining golden-green; under surface of the shoulders, lower part of the abdomen and under tail-coverts fine chestnut-red; thighs white; upper mandible brownish-black; under mandible fleshy-yellow, except at the tip, which is brownish-black.

Total length, $3\frac{1}{2}$ inches; bill, $\frac{7}{8}$; wing, $2\frac{1}{8}$; tail, $1\frac{1}{4}$.

Hab. Santa Fé de Bogota. From the Collection of Mr. Mark.

Remark.—This species differs from *A. cerviniventris* in the much greater depth of the chestnut colouring of the abdomen, under tail-coverts and tail; in size it is considerably less than that species, being even smaller than *A. Arsinov*, to which it offers an alliance in the colouring of its wings, but from which it differs in the colouring of its abdomen; the white feathers of the thighs are much developed and very conspicuous.—*Proc. Zool. Soc.* June 10, 1856.